

CLAIMS

5 1. A data backup equipment (12) for a portable telephone (10) such as a cellular phone, a personal handy phone, a car telephone, a maritime mobile radiotelephone machine, a satellite cellular phone machine or the likes comprising a charging section (16) having a charging connection terminal (22) to be connected to a charging terminal (20) of said portable telephone to charge a battery (14) in said portable telephone and a data backup section (18) having an information transmission interface part (26) to be connected to an external information instrument connection interface part (24) of said portable telephone to read and store from said portable telephone such data as telephone numbers and others set and stored through said information transmission interface part in said portable telephone, said data backup section characterized by automatically reading and storing said data stored in said portable telephone therefrom in association with a charging operation when said charging section begins to charge said battery in said portable telephone.

20 2. A data backup equipment for a portable telephone as set forth in claim 1 and further comprising a feedback section to feed back said data read and stored from said portable telephone by said data backup section through said information transmission interface part to said portable telephone to again store said data in said portable telephone.

25 3. A data backup equipment for a portable telephone as set forth in claim 1 or 2 and wherein said data to be read and stored from said portable telephone by said data backup section include a control or setup function information required at least for an operation of said portable telephone and a telephone call information such as a telephone number information, an arrival telephone number information, a dispatch telephone number, a telephone call time or the likes.

Suba

4. A data backup equipment for a portable telephone as set forth in either of claims 1 through 3 and further comprising a data selection section (34) to select and set any of said data to be read and stored from said portable telephone by said data backup section or said data to be fed back and again stored by said feedback section to said portable telephone.

5. A data backup equipment for a portable telephone as set forth in either of claims 1 through 4 and further comprising a data process section (36) to automatically process said data read from said portable telephone under predetermined conditions whereby said feedback section feeds back to said portable telephone said data processed by said data process section.

6. A method of backing up data set and stored in a portable telephone (10) such as a cellular phone, a personal handy phone, a car telephone, a maritime mobile radiotelephone machine, a satellite cellular phone machine or the likes by reading and storing said data in an external storage, said method characterized by preparing a charger (12A) having a charging connection terminal (22) to be connected to a charging terminal (20) of said portable telephone as an external storage and an information transmission interface part (26) to be connected to an external information instrument connection interface part (24) of said portable telephone and automatically reading said data set and stored in said portable telephone therefrom through said information transmission interface part to store them in said charger in association with a charging operation when said charger begins to charge said battery in said portable telephone through said charging terminals.

7. A method of backing up data for a portable telephone as set forth in claim 6 and further comprising the step of feeding back said data read and stored from said portable telephone through said information transmission interface part to said portable telephone to again store said data in said portable telephone.

Suba1
8. A method of backing up data for a portable telephone as set forth in claim 6 or 7 and wherein the data of a control or setup function information required at least for an operation of said portable telephone and a telephone call information such as a telephone number information, an arrival
5 telephone number information, a dispatch telephone number, a telephone call time or the likes among said data to be read and stored in said portable telephone are read and stored from said portable telephone.

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9. A method of backing up data for a portable telephone as set forth in either of claims 6 through 8 and further comprising the step of arbitrarily
10 selecting and setting any of said data to be read and stored from said portable telephone or said data to be fed back and again stored to said portable telephone.

10. A method of backing up data for a portable telephone as set forth in either of claims 6 through 9 and further comprising the step of
15 automatically processing said data read from said portable telephone under predetermined conditions whereby said processed data are fed back to said portable telephone.

add a2

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